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**Search Results - Record(s) 1 through 24 of 24 returned.**

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1. Document ID: US 20060197527 A1

L28: Entry 1 of 24

File: PGPB

Sep 7, 2006

PGPUB-DOCUMENT-NUMBER: 20060197527

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060197527 A1

TITLE: Parallel imaging based on expanded unfolding technique

PUBLICATION-DATE: September 7, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Machida; Yoshio	Nasu-Gun		JP
Ichinose; Nobuyasu	Otawara-Shi		JP
Uchizono; Shinichi	Nasu-Gun		JP

US-CL-CURRENT: 324/309; 324/318


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2. Document ID: US 20060058630 A1

L28: Entry 2 of 24

File: PGPB

Mar 16, 2006

PGPUB-DOCUMENT-NUMBER: 20060058630

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060058630 A1

TITLE: Sub-sampled moving table mri

PUBLICATION-DATE: March 16, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Harvey; Paul Royston	Eindhoven		NL

US-CL-CURRENT: 600/410

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Sequences</a>
<a href="#">Attachments</a>	<a href="#">Claims</a>	<a href="#">KMC</a>	<a href="#">Drawn Desc</a>	<a href="#">Image</a>				

3. Document ID: US 20050270024 A1

L28: Entry 3 of 24

File: PGPB

Dec 8, 2005

PGPUB-DOCUMENT-NUMBER: 20050270024

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050270024 A1

TITLE: Method for parallel image reconstruction using automatic regularization

PUBLICATION-DATE: December 8, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Lin, Fa-Hsuan	Taipei City		TW

US-CL-CURRENT: 324/307

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Sequences</a>
<a href="#">Attachments</a>	<a href="#">Claims</a>	<a href="#">KMC</a>	<a href="#">Drawn Desc</a>	<a href="#">Image</a>				

4. Document ID: US 20040263167 A1

L28: Entry 4 of 24

File: PGPB

Dec 30, 2004

PGPUB-DOCUMENT-NUMBER: 20040263167  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20040263167 A1

TITLE: Parallel imaging based on expanded unfolding technique

PUBLICATION-DATE: December 30, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Machida, Yoshio	Nasu-Gun		JP
Ichinose, Nobuyasu	Otawara-Shi		JP
Uchizono, Shinichi	Nasu-Gun		JP

US-CL-CURRENT: 324/309; 324/307, 600/410

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Sequences</a>
<a href="#">Attachments</a>	<a href="#">Claims</a>	<a href="#">KMC</a>	<a href="#">Draw Desc</a>	<a href="#">Image</a>				

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 5. Document ID: US 20040189299 A1

L28: Entry 5 of 24

File: PGPB

Sep 30, 2004

PGPUB-DOCUMENT-NUMBER: 20040189299  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20040189299 A1

TITLE: Nuclear magnetic resonance imaging apparatus and nuclear magnetic resonance imaging method

PUBLICATION-DATE: September 30, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
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Ikezaki, Yoshikazu	Tokyo	JP
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US-CL-CURRENT: 324/309

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Sequences</a>
<a href="#">Attachments</a>	<a href="#">Claims</a>	<a href="#">KOMC</a>	<a href="#">Drawn Desc</a>	<a href="#">Image</a>				

 6. Document ID: US 20040165757 A1

L28: Entry 6 of 24

File: PGPB

Aug 26, 2004

PGPUB-DOCUMENT-NUMBER: 20040165757

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040165757 A1

TITLE: Adaptive data differentiation and selection from multi-coil receiver to reduce artifacts in reconstruction

PUBLICATION-DATE: August 26, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
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Ma, Jingfei	Waukesha	WI	US
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Tan, Guosheng	Waukesha	WI	US
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US-CL-CURRENT: 382/131

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Sequences</a>
<a href="#">Attachments</a>	<a href="#">Claims</a>	<a href="#">KOMC</a>	<a href="#">Drawn Desc</a>	<a href="#">Image</a>				

 7. Document ID: US 20040070394 A1

L28: Entry 7 of 24

File: PGPB

Apr 15, 2004

PGPUB-DOCUMENT-NUMBER: 20040070394

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040070394 A1

TITLE: Parallel mr imaging using high-precision coil sensitivity map

PUBLICATION-DATE: April 15, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Gonzalez Ballester, Miguel Angel	Nice		FR
Machida, Yoshio	Nasu-Gun		JP

US-CL-CURRENT: 324/307; 324/309

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Sequences</a>
<a href="#">Attachments</a>	<a href="#">Claims</a>	<a href="#">KWMC</a>	<a href="#">Draw Desc</a>	<a href="#">Image</a>				

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8. Document ID: US 20040039276 A1

L28: Entry 8 of 24

File: PGPB

Feb 26, 2004

PGPUB-DOCUMENT-NUMBER: 20040039276

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040039276 A1

TITLE: Magnetic resonance imaging apparatus

PUBLICATION-DATE: February 26, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Ikezaki, Yoshikazu	Tokyo		JP

US-CL-CURRENT: 600/407

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Sequences</a>
<a href="#">Attachments</a>	<a href="#">Claims</a>	<a href="#">KWMC</a>	<a href="#">Draw Desc</a>	<a href="#">Image</a>				

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9. Document ID: US 20030228043 A1

L28: Entry 9 of 24

File: PGPB

Dec 11, 2003

PGPUB-DOCUMENT-NUMBER: 20030228043

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030228043 A1

TITLE: Coil sensitivity map generating method, parallel imaging method, and MRI apparatus

PUBLICATION-DATE: December 11, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Ikezaki, Yoshikazu	Tokyo		JP

US-CL-CURRENT: 382/131

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences
Attachments	Claims	KOMC	Draw Desc	Image				

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10. Document ID: US 20030004410 A1

L28: Entry 10 of 24

File: PGPB

Jan 2, 2003

PGPUB-DOCUMENT-NUMBER: 20030004410

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030004410 A1

TITLE: Method for MR imaging with an array of RF coils

PUBLICATION-DATE: January 2, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
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Zhu, Yudong

Clifton Park

NY

US

US-CL-CURRENT: 600/422

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences
Attachments	Claims	KMC	Draw Desc	Image				

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11. Document ID: US 20020186870 A1

L28: Entry 11 of 24

File: PGPB

Dec 12, 2002

PGPUB-DOCUMENT-NUMBER: 20020186870

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020186870 A1

TITLE: Automatic coil selection of multi-receiver MR data using fast prescan data analysis

PUBLICATION-DATE: December 12, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Ma, Jingfei	Waukesha	WI	US
Tan, Guosheng	Waukesha	WI	US

US-CL-CURRENT: 382/131; 382/282

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences
Attachments	Claims	KMC	Draw Desc	Image				

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12. Document ID: US 20020181753 A1

L28: Entry 12 of 24

File: PGPB

Dec 5, 2002

PGPUB-DOCUMENT-NUMBER: 20020181753

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020181753 A1

TITLE: Adaptive data differentiation and selection from multi-coil receiver to reduce artifacts in reconstruction

PUBLICATION-DATE: December 5, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Ma, Jingfei	Waukesha	WI	US
Tan, Guosheng	Waukesha	WI	US

US-CL-CURRENT: 382/131



13. Document ID: US 7205765 B2

L28: Entry 13 of 24

File: USPT

Apr 17, 2007

US-PAT-NO: 7205765

DOCUMENT-IDENTIFIER: US 7205765 B2

TITLE: Parallel imaging based on expanded unfolding technique

DATE-ISSUED: April 17, 2007

PRIOR-PUBLICATION:

DOC-ID	DATE
US 20060197527 A1	September 7, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Machida; Yoshio	Nasu-Gun			JP
Ichinose; Nobuyasu	Otawara			JP

Uchizono; Shinichi

Nasu-Gun

JP

US-CL-CURRENT: 324/318; 324/309

Full	Title	Citation	Front	Review	Classification	Date	
Reference				Claims	KMC	Draw Desc	Image

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14. Document ID: US 7187791 B2

L28: Entry 14 of 24

File: USPT

Mar 6, 2007

US-PAT-NO: 7187791

DOCUMENT-IDENTIFIER: US 7187791 B2

TITLE: Coil sensitivity map generating method, parallel imaging method, and MRI apparatus

DATE-ISSUED: March 6, 2007

## PRIOR-PUBLICATION:

DOC-ID DATE

US 20030228043 A1 December 11, 2003

## INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Ikezaki; Yoshikazu Tokyo JP

US-CL-CURRENT: 382/128; 324/306, 324/307, 324/309, 382/131

Full	Title	Citation	Front	Review	Classification	Date	
Reference				Claims	KMC	Draw Desc	Image

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15. Document ID: US 7102351 B2

L28: Entry 15 of 24

File: USPT

Sep 5, 2006

US-PAT-NO: 7102351  
DOCUMENT-IDENTIFIER: US 7102351 B2

TITLE: Parallel imaging based on expanded unfolding technique

DATE-ISSUED: September 5, 2006

PRIOR-PUBLICATION:

DOC-ID DATE

US 20040263167 A1 December 30, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Machida; Yoshio	Nasu-Gun			JP
Ichinose; Nobuyasu	Otawara			JP
Uchizono; Shinichi	Nasu-Gun			JP

US-CL-CURRENT: 324/318; 324/309



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16. Document ID: US 7053613 B2

L28: Entry 16 of 24

File: USPT

May 30, 2006

US-PAT-NO: 7053613  
DOCUMENT-IDENTIFIER: US 7053613 B2

TITLE: Method for parallel image reconstruction using automatic regularization

DATE-ISSUED: May 30, 2006

PRIOR-PUBLICATION:

DOC-ID

DATE

US 20050270024 A1

December 8, 2005

## INVENTOR-INFORMATION:

NAME

CITY

STATE

ZIP CODE

COUNTRY

Lin; Fa-Hsuan

Taipei City

TW

US-CL-CURRENT: 324/307; 324/309

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	
<a href="#">Reference</a>				<a href="#">Claims</a>	<a href="#">KMC</a>	<a href="#">Draw Desc</a>	<a href="#">Image</a>

 17. Document ID: US 7019523 B2

L28: Entry 17 of 24

File: USPT

Mar 28, 2006

US-PAT-NO: 7019523

DOCUMENT-IDENTIFIER: US 7019523 B2

TITLE: Nuclear magnetic resonance imaging apparatus and nuclear magnetic resonance imaging method

DATE-ISSUED: March 28, 2006

## PRIOR-PUBLICATION:

DOC-ID

DATE

US 20040189299 A1

September 30, 2004

## INVENTOR-INFORMATION:

NAME

CITY

STATE

ZIP CODE

COUNTRY

Ikezaki; Yoshikazu

Tokyo

JP

US-CL-CURRENT: 324/309; 324/307

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	
<a href="#">Reference</a>				<a href="#">Claims</a>	<a href="#">KIMC</a>	<a href="#">Draw Desc</a>	<a href="#">Image</a>

 18. Document ID: US 6990223 B2

L28: Entry 18 of 24

File: USPT

Jan 24, 2006

US-PAT-NO: 6990223

DOCUMENT-IDENTIFIER: US 6990223 B2

**\*\* See image for Certificate of Correction \*\***

TITLE: Adaptive data differentiation and selection from multi-coil receiver to reduce artifacts in reconstruction

DATE-ISSUED: January 24, 2006

## PRIOR-PUBLICATION:

DOC-ID DATE

US 20040165757 A1 August 26, 2004

## INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Ma; Jingfei Waukesha WI US

Tan; Guosheng Waukesha WI US

US-CL-CURRENT: 382/131; 324/309, 382/274, 382/284, 600/13, 600/422

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	
<a href="#">Reference</a>				<a href="#">Claims</a>	<a href="#">KIMC</a>	<a href="#">Draw Desc</a>	<a href="#">Image</a>

 19. Document ID: US 6961455 B2

L28: Entry 19 of 24

File: USPT

Nov 1, 2005

US-PAT-NO: 6961455

DOCUMENT-IDENTIFIER: US 6961455 B2

**\*\* See image for Certificate of Correction \*\***

TITLE: Automatic coil selection of multi-receiver MR data using fast prescan data analysis

DATE-ISSUED: November 1, 2005

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ma; Jingfei	Waukesha	WI		
Tan; Guosheng	Waukesha	WI		

US-CL-CURRENT: 382/131; 324/309, 382/274

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 20. Document ID: US 6949928 B2

L28: Entry 20 of 24

File: USPT

Sep 27, 2005

US-PAT-NO: 6949928

DOCUMENT-IDENTIFIER: US 6949928 B2

TITLE: Parallel MR imaging using high-precision coil sensitivity map

DATE-ISSUED: September 27, 2005

## INVENTOR-INFORMATION:

NAME	CITY	STATE ZIP CODE	COUNTRY
Gonzalez Ballester; Miguel Angel	Nice		FR
Machida; Yoshio	Tochigi		JP

US-CL-CURRENT: 324/307; 324/309, 324/318

Full	Title	Citation	Front	Review	Classification	Date	
Reference				Claims	KIMC	Draw Desc	Image

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21. Document ID: US 6915152 B2

L28: Entry 21 of 24

File: USPT

Jul 5, 2005

US-PAT-NO: 6915152

DOCUMENT-IDENTIFIER: US 6915152 B2

TITLE: Method for MR imaging with an array of RF coils

DATE-ISSUED: July 5, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
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Zhu; Yudong	Clifton Park	NY		
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US-CL-CURRENT: 600/422; 324/307, 600/410

Full	Title	Citation	Front	Review	Classification	Date	
Reference				Claims	KIMC	Draw Desc	Image

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22. Document ID: US 6842001 B2

L28: Entry 22 of 24

File: USPT

Jan 11, 2005

US-PAT-NO: 6842001

DOCUMENT-IDENTIFIER: US 6842001 B2

**\*\* See image for Certificate of Correction \*\***

TITLE: MRI systems with parallel receivers for phase correction

DATE-ISSUED: January 11, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
------	------	-------	----------	---------

Ikezaki; Yoshikazu	Tokyo	JP
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US-CL-CURRENT: 324/309; 324/306, 324/307

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	
<a href="#">Reference</a>				<a href="#">Claims</a>	<a href="#">KIMC</a>	<a href="#">Draw Desc</a>	<a href="#">Image</a>

 23. Document ID: US 6738501 B2

L28: Entry 23 of 24

File: USPT

May 18, 2004

US-PAT-NO: 6738501

DOCUMENT-IDENTIFIER: US 6738501 B2

**\*\* See image for Certificate of Correction \*\***

TITLE: Adaptive data differentiation and selection from multi-coil receiver to reduce artifacts in reconstruction

DATE-ISSUED: May 18, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
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Ma; Jingfei	Waukesha	WI	
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Tan; Guosheng	Waukesha	WI	
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US-CL-CURRENT: 382/131; 324/309, 382/172, 382/270, 382/274, 600/410

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	
<a href="#">Reference</a>				<a href="#">Claims</a>	<a href="#">KIMC</a>	<a href="#">Draw Desc</a>	<a href="#">Image</a>

 24. Document ID: US 6724923 B2

L28: Entry 24 of 24

File: USPT

Apr 20, 2004

US-PAT-NO: 6724923

DOCUMENT-IDENTIFIER: US 6724923 B2

TITLE: Automatic coil selection of multi-receiver MR data using fast prescan data analysis

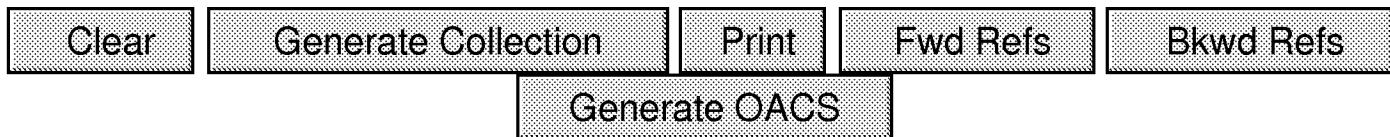
DATE-ISSUED: April 20, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
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Ma; Jingfei	Waukesha	WI
Tan; Guosheng	Waukesha	WI

US-CL-CURRENT: 382/131; 382/132, 382/218, 382/264, 382/274, 600/410



Term	Documents
SENSITIVITIES	37055
SENSITIVITY	695821
SENSITIVITYS	4
SENSE	1407398
SENSES	233837
ANTENNA	453583
ANTENNAS	111661
PROBE	446214
PROBES	211918
COIL	1387921
COILS	459859

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WITH (MAP\$4 OR PLOT\$4) WITH (ANTENNA OR  
PROBE OR COIL OR WINDING OR ARRAY) WITH  
(FIELD-OF-VIEW OR "FIELD OF VIEW" OR FOV))).  
PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.

24

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